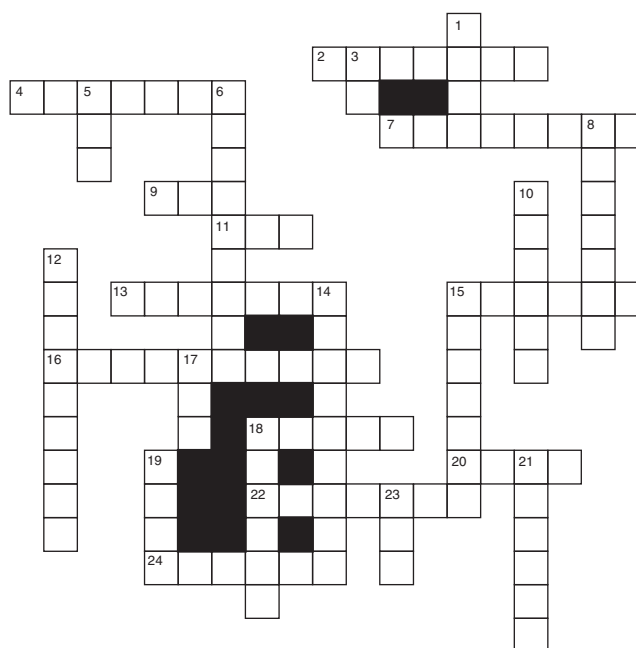


# Nephrology Crossword: Natremias

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## ACROSS

2. Marked hyponatremia in a 'night club'
4. It is difficult to drown in this body of water, which contains 340 gm of NaCl/l
7. This weight loss drug can cause nephrogenic diabetes insipidus (DI)
9. Elderly widow's hyponatremia is from a low-solute (\_\_\_\_\_ and toast) diet
11. An opportunistic infection in an HIV patient that can lead to asymptomatic hyponatremia (abbrev)
13. This mountainous study showed that the treatment of patients with tolvaptan with heart failure did not improve mortality
15. DI was differentiated from mellitus in 1674 by this individual
16. The organism that causes a walking pneumonia, diarrhea, and a serum sodium of 127 mEq/l
18. Psychotropic drugs can cause this
20. A \_\_\_\_\_-producing tumor of the lung presents with new-onset hypertension and diabetes, chloride resistant metabolic alkalosis, hypokalemia, and hypernatremia
22. Initially developed to treat uric acid stones, this drug can substitute for sodium in several sodium channels, particularly the sodium-hydrogen exchanger in the proximal tubule (NHE3) and the epithelial channel of the cortical collecting tubule (ENaC)
24. Atomic number of the substance that was first discovered by Sir Humphry Davy in 1806

## DOWN

1. Hang 3% of this and watch the hyponatremic patient wake up
3. High amounts of this in the urine may interfere with cAMP generation in the collecting duct leading to loss of free water and DI
5. Risk factor for in-hospital hyponatremia
6. An autosomal recessively transmitted defect in this transporter can lead to DI
8. A young female with craniopharyngioma presents with Na of 200 mmol/l, a serum osmolality of 345 mosm/l, and urine osmolality of 743 mosm/kg. Besides a partial central DI, she also has \_\_\_\_\_ hypernatremia
10. A healthy, 26-year-old female has a maximally dilute urine osmolality of 50 mosmols/kg. If her daily solute excretion is 600 mosmols, how much water must she drink before she becomes hyponatremic (in liters)?
12. Benzamil used to treat patients with cystic fibrosis is an analogue of this diuretic
14. The agent involved in the SALT -1 and SALT -2 trials of hyponatremia
15. \_\_\_\_\_'s disease or central DI, optic atrophy, diabetes mellitus, and sensorineural deafness
17. \_\_\_\_\_meal for breakfast does not cause the syndrome of inappropriate antidiuretic hormone hypersecretion (SIADH), but \_\_\_\_\_ cell cancer does
18. Bodily fluid that has the least sodium concentration
19. Bodily fluid that has the highest sodium concentration
21. Lack of this perception can lead to extreme hypernatremia
23. A 45-year-old male with HIV, now being treated for tuberculosis (TB), has SIADH. As his TB and sodium improves, this anti-TB drug leads to anion gap metabolic acidosis

# Nephrology Crossword Answers: Natremias

